

Applicant Initiated Interview Request Form

pi8737USPC

Application No.: 10/518,763
Examiner: Brinson

First Named Applicant: Harald Syse
Art Unit: 3754 Status of Application: Final Rejection
11/19/2006

Tentative Participants:

(1) Christian D. Abel (2) Torid Tronbøl
(3) _____ (4) _____

Proposed Date of Interview: _____

Proposed Time: _____ (AM/PM)

Type of Interview Requested:

(1) ☒ Telephonic (2) ☐ Personal (3) ☐ Video Conference

Exhibit To Be Shown or Demonstrated: ☐ YES ☐ NO

If yes, provide brief description: _____

Issues To Be Discussed

Issues (Rej., Obj., etc)	<u>Claims</u> Fig. #s	Prior Art	Discussed	Agreed	Not Agreed
(1) <u>Rej. § 112</u>	<u>1, 2</u>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(2) <u>Rej. § 103</u>	<u>1-4</u>	<u>Anderson</u> <u>2,607,370</u>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(3) _____	_____	_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(4) _____	_____	_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

☒ Continuation Sheet Attached

Brief Description of Arguments to be Presented:

Proposed amended claims believed to distinguish over Anderson. The "front"
of Slip (7) of Anderson, while having a gradient different than its sliding
surface, is not itself a sliding surface, as provided in the proposed claims.

An interview was conducted on the above-identified application on _____.

NOTE: This form should be completed by applicant and submitted to the examiner in advance of the interview (see MPEP § 713.01).

This application will not be delayed from issue because of applicant's failure to submit a written record of this interview. Therefore, applicant is advised to file a statement of the substance of this interview (37 CFR 1.133(b)) as soon as possible.

Applicant/Applicant's Representative Signature

Examiner/SPE Signature

Christian D. Abel
Typed/Printed Name of Applicant or Representative

43,455
Registration Number, if applicable

This collection of information is required by 37 CFR 1.133. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 21 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2

front → front sliding surface

CLAIMS

1. (currently amended) Arrangement at a plug for sealing liquid- or gas-carrying pipes, comprising several slips (15) arranged peripherally on the plug, so as to allow them to be pushed up along a conical force ring (25) by means of a hydraulic cylinder (5), ^{at least one} characterized in that the slips (15) are provided with ~~a possibly~~ ^{at least one} ~~divided~~ sliding surface (19, 19') (21, 21') and at least one ~~possibly divided~~ ^{sliding surface} sliding surface (20, 23) ~~front~~ (20, 23) having an angle that differs from the angle of the sliding surface (19, 19') relative to a longitudinal axis of the plug that differs from the angle of the sliding surface (21, 21') relative to the same axis, where the slips (15) are arranged to engage an inner surface of the pipe in a gripping position while in abutment against an angled surface of the force ring (25) which is not parallel with the longitudinal axis of the plug.
2. (currently amended) An arrangement in accordance with claim 1, characterized in that the conical force ring (25) is equipped with ^{at least one} ~~a possibly divided~~ sliding surface (29, 29') and at least one ~~possibly divided~~ ^{sliding surface} sliding surface (27, 31) having an angle that differs from the angle of the sliding surface (29, 29') ~~front~~ (27, 31) having an angle relative to the longitudinal axis of the plug that differs from the angle of the sliding surface (29, 29') relative to the same axis.
3. (currently amended) An arrangement in accordance with one or more of the preceding claims claim 2, characterized in that the first part of the sliding surfaces (20, 23, 27, 31) has a steep gradient and that the second part of the sliding surfaces ^{sliding surfaces} (21, 21', 29, 29') has a small gradient relative to the longitudinal axis of the plug the front (20, 23, 27, 31) have a steep gradient relative to the longitudinal axis of the plug and that the sliding surfaces (21, 21', 29, 29') have a small gradient relative to same axis.
4. (currently amended) An arrangement in accordance with one or more of the preceding claims claim 2 or 3, characterized in that the sliding surfaces (20, 21, 21', 23) of the slips (15) have a shape that in a given position of the slips (15) corresponds to the sliding surfaces (27, 29, 29', 31) of the conical force ring (25) the front, and sliding surface

sliding surface

(20, 21, 21', 23) of the slips (15) have a shape that in a given position of the slips (15) corresponds to the front and sliding surfaces (27, 29, 29', 31) of the conical force ring (25).

5. (currently amended) An arrangement in accordance with ~~one or more of the preceding~~ *the* ~~claims claim 1,~~ *claim 1,* characterized in that the slips (15) comprise ~~a~~ *the* slip front ^{*sliding surface*} (20) extending in parallel with a slip end (16) as well as ~~and the~~ *and the* sliding surfaces (21, 21') ~~that~~ *that* are divided by a slip recess (22) that extends in parallel with ~~the~~ *a* radial direction ^{*sliding surface*} similar to the slip front (20), where ~~the~~ *a* side that faces the same way as the slip front (20) forms a step front (23) with the same direction as the slip front (20).

6. (currently amended) An arrangement in accordance with ~~one or more of the preceding~~ *the* ~~claims claim 2,~~ *claim 2,* characterized in that the surface of the conical force ring (25) comprises ~~a~~ *the* force ring front ^{*sliding surface*} (27) and ~~a~~ *the* sliding surface (29, 29') that is divided by a force ring recess (30) extending in parallel with ~~the~~ *a* radial direction ^{*sliding surface*} similar to the force ring front (27), where ~~the~~ *a* side that faces the same way as the force ring front (27) forms a step front (31) with the same direction as the force ring front (27).

*sliding surface**sliding surface*